Quantitation Report (Qedit)

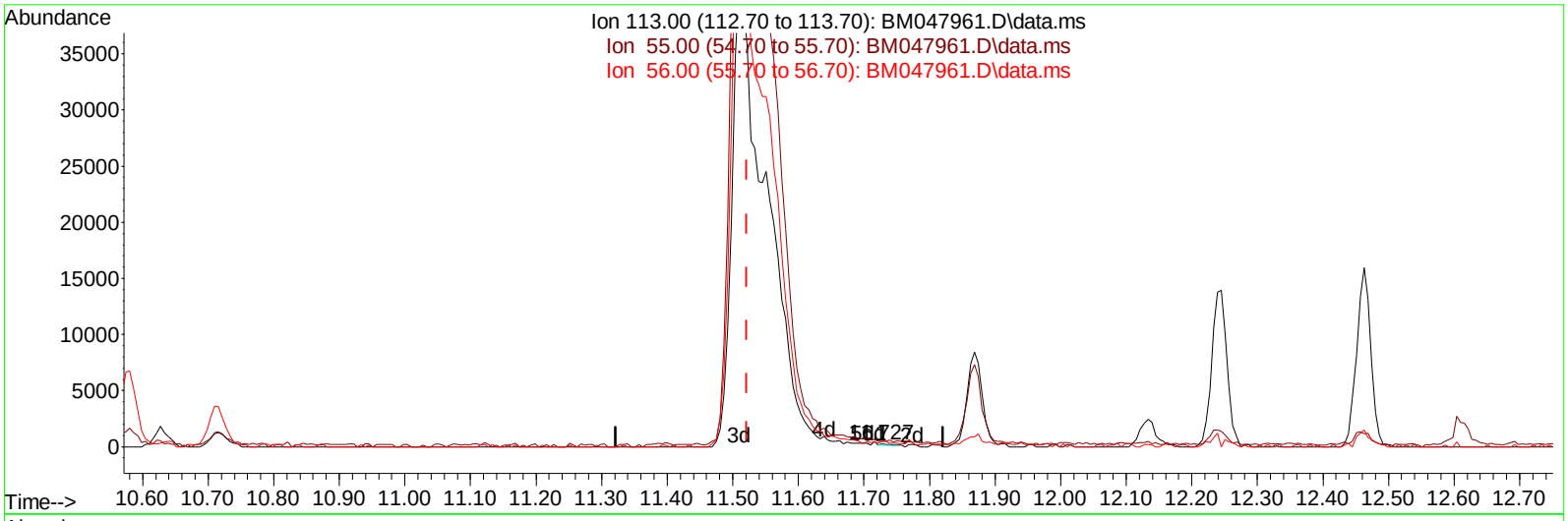
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100924\
Data File : BM047961.D
Acq On : 10 Oct 2024 01:57
Operator : RC/JU
Sample : PB163684BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

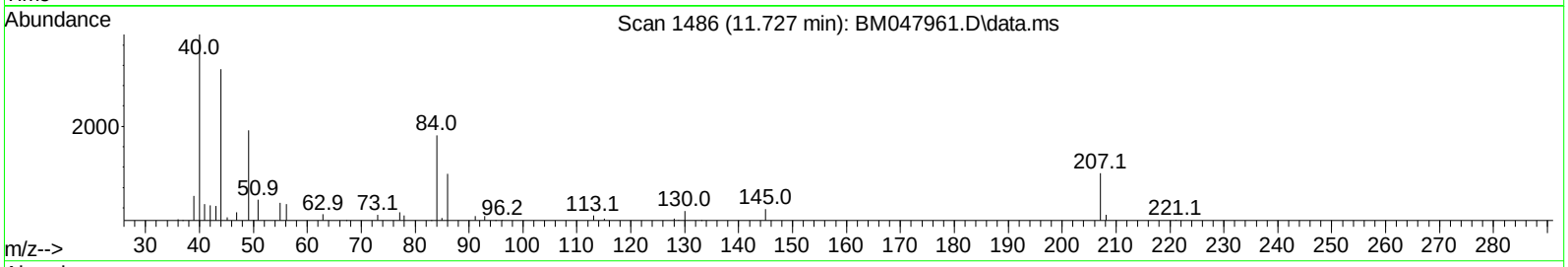
Quant Time: Oct 10 02:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

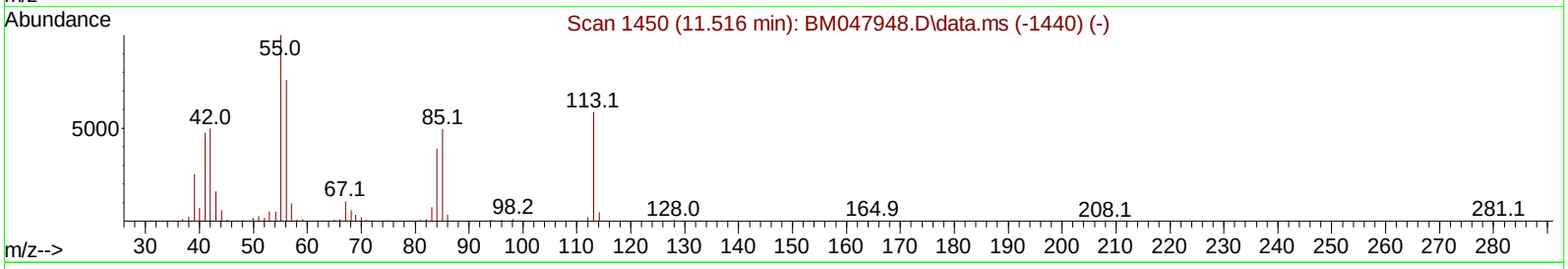
Instrument :
BNA_M
ClientSampleId :
SLCS684

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024







TIC: BM047961.D\data.ms

(34) Caprolactam

11.727min (+ 0.206) 0.02 ng/ul

response 125

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	193.70
56.00	164.10	187.01
0.00	0.00	0.00

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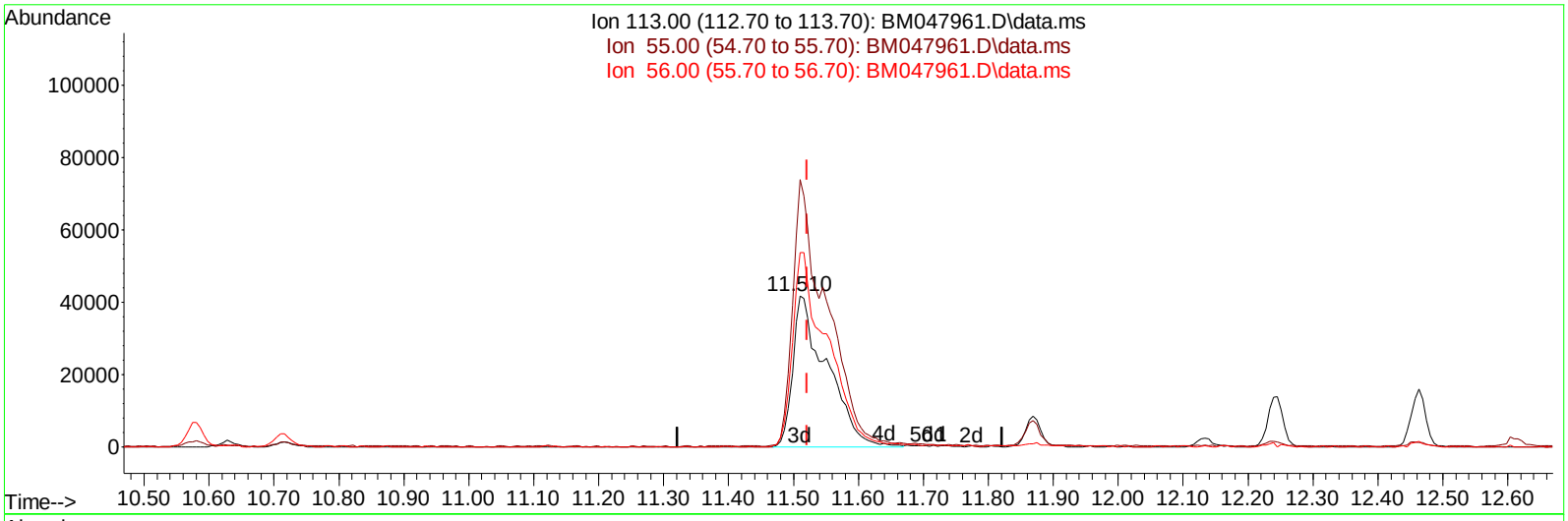

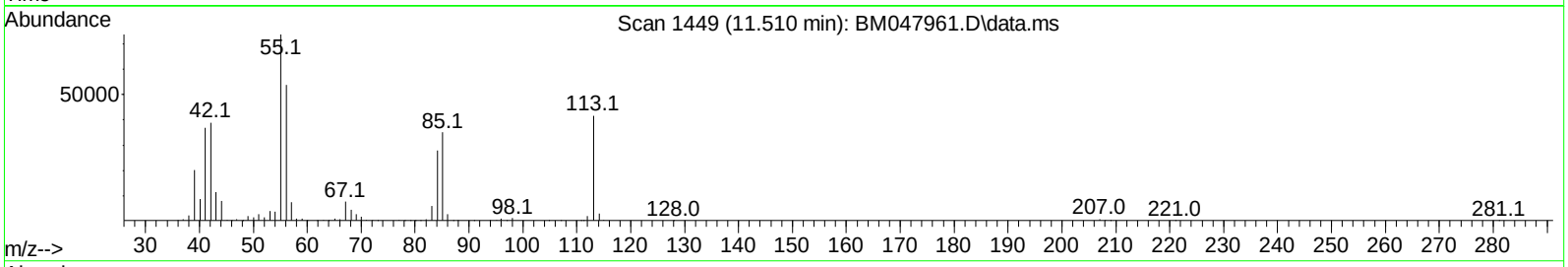

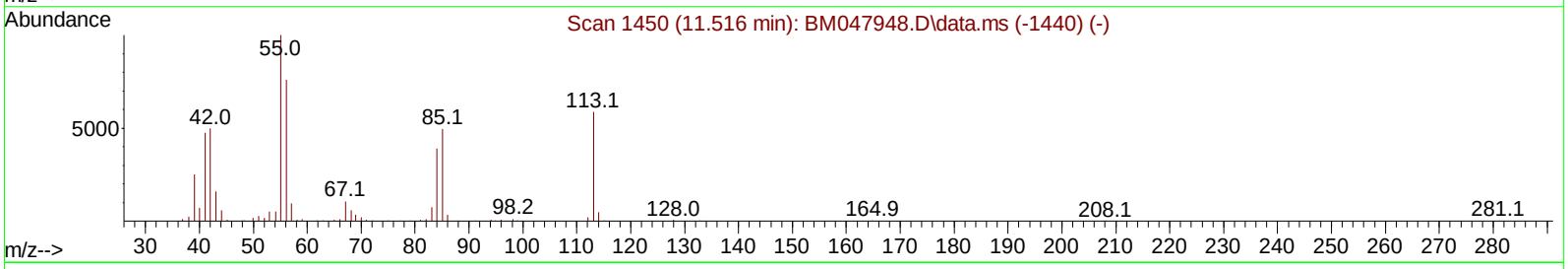

TIC: BM047961.D\data.ms

(34) Caprolactam

11.510min (-0.012) 29.21 ng/ul m

response 151744

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	176.87
56.00	164.10	128.86#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	263197	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.580	136	1032122	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.421	164	627514	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.162	188	1318079	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.386	240	1345008	20.000	ng/ul	-0.01
88) Perylene-d12	24.374	264	1544120	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	37402	4.592	ng/uL	-0.01
4) Pyridine-d5	3.657	84	522991	21.931	ng/ul	0.00
7) Phenol-d5	6.957	99	618221	24.840	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.116	67	363402	20.577	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.322	132	510777	28.208	ng/ul	-0.01
15) 4-Methylphenol-d8	8.498	113	464964	25.128	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	234228	28.502	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	256057	32.515	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.204	165	475227	30.208	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.716	131	622432	25.592	ng/ul	-0.01
46) Dimethylphthalate-d6	13.833	166	1241581	27.290	ng/ul	-0.01
49) Acenaphthylene-d8	14.116	160	1505206	27.904	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.627	143	276149	30.487	ng/ul	0.00
60) Fluorene-d10	15.415	176	1109255	28.149	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.533	200	219206	28.419	ng/ul	0.00
73) Anthracene-d10	17.262	188	1752846	27.045	ng/ul	-0.01
81) Pyrene-d10	19.545	212	2129763	27.900	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.168	264	2335137	29.147	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	77801	8.746	ng/uL	89
5) Pyridine	3.675	79	527910	21.028	ng/ul	90
6) Benzaldehyde	6.928	77	313819	23.186	ng/ul	90
8) Phenol	6.987	94	636932	24.052	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.210	93	483696	22.923	ng/ul	92
12) 2-Chlorophenol	7.357	128	523330	27.281	ng/ul	92
13) 2-Methylphenol	8.234	108	456735	24.735	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.310	45	718836	18.096	ng/ul	95
16) Acetophenone	8.610	105	742211	23.442	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.598	70	364772	21.752	ng/ul#	89
18) 4-Methylphenol	8.563	108	510305	24.592	ng/ul	96
19) Hexachloroethane	8.869	117	215894	25.039	ng/ul	87
22) Nitrobenzene	8.986	77	551957	23.644	ng/ul	91
23) Isophorone	9.516	82	997355	23.883	ng/ul#	94
25) 2-Nitrophenol	9.692	139	276542	30.695	ng/ul	89
26) 2,4-Dimethylphenol	9.757	107	403191	20.886	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.992	93	603933	23.645	ng/ul	96
29) 2,4-Dichlorophenol	10.233	162	475599	29.278	ng/ul	97
30) Naphthalene	10.628	128	1569800	26.442	ng/ul	99
32) 4-Chloroaniline	10.739	127	503321	21.017	ng/ul	99
33) Hexachlorobutadiene	10.916	225	297729	27.740	ng/ul	98
34) Caprolactam	11.510	113	151744m	29.209	ng/ul	
35) 4-Chloro-3-methylphenol	11.869	107	473864	28.180	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.245	142	1018318	26.995	ng/ul	98
37) 1-Methylnaphthalene	12.463	142	1027180	26.765	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	555372	27.188	ng/ul#	96
40) Hexachlorocyclopentadiene	12.592	237	248323	20.099	ng/ul	97
41) 2,4,6-Trichlorophenol	12.857	196	354422	29.987	ng/ul	100
42) 2,4,5-Trichlorophenol	12.927	196	385811	29.851	ng/ul	98
43) 1,1'-Biphenyl	13.257	154	1326147	26.395	ng/ul#	98
44) 2-Chloronaphthalene	13.298	162	1041328	26.799	ng/ul	95
45) 2-Nitroaniline	13.498	65	309105	25.059	ng/ul#	81
47) Dimethylphthalate	13.880	163	1243738	26.994	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	255242	31.543	ng/ul#	82
50) Acenaphthylene	14.145	152	1677323	27.572	ng/ul	99
51) 3-Nitroaniline	14.327	138	291691	29.784	ng/ul	85
52) Acenaphthene	14.486	153	1129250	26.260	ng/ul	98
53) 2,4-Dinitrophenol	14.533	184	150532	30.106	ng/ul#	76
55) 4-Nitrophenol	14.639	109	202685	26.651	ng/ul	88
56) Dibenzofuran	14.821	168	1572616	27.168	ng/ul	97
57) 2,4-Dinitrotoluene	14.786	165	384889	31.670	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.051	232	318520	31.265	ng/ul#	95
59) Diethylphthalate	15.245	149	1243209	26.968	ng/ul	98
61) Fluorene	15.468	166	1277125	26.445	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	609998	26.731	ng/ul	95
63) 4-Nitroaniline	15.486	138	324542	34.122	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.545	198	241444	28.250	ng/ul#	91
67) N-Nitrosodiphenylamine	15.674	169	1056418	25.721	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	371311	27.329	ng/ul	95
69) Hexachlorobenzene	16.474	284	443590	28.056	ng/ul	92
70) Atrazine	16.627	200	268525	19.640	ng/ul	99
71) Pentachlorophenol	16.815	266	289503	28.795	ng/ul	100
72) Phenanthrene	17.204	178	2054228	26.576	ng/ul	99
74) Anthracene	17.298	178	2055910	26.078	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.221	216	533610	24.451	ng/uL	100
76) Pentachlorobenzene	14.745	250	517101	24.275	ng/uL	99
77) Carbazole	17.562	167	1967227	27.529	ng/ul	99
78) Di-n-butylphthalate	18.127	149	2145041	26.962	ng/ul	98
80) Fluoranthene	19.215	202	2468110	27.453	ng/ul	98
82) Pyrene	19.574	202	2687122	26.854	ng/ul	97
83) Butylbenzylphthalate	20.468	149	1034938	29.255	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.286	252	847006	29.803	ng/ul	100
85) Benzo(a)anthracene	21.368	228	2655841	28.202	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	1459634	27.482	ng/ul	98
87) Chrysene	21.427	228	2499997	27.231	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	2582444	25.929	ng/ul	100
90) Benzo(b)fluoranthene	23.427	252	2655951	27.581	ng/ul	99
91) Benzo(k)fluoranthene	23.491	252	2753390	27.964	ng/ul	99
93) Benzo(a)pyrene	24.233	252	2464313	26.946	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.750	276	3264503	27.854	ng/ul	99
95) Dibenzo(a,h)anthracene	27.803	278	2678443	27.887	ng/ul	97
96) Benzo(g,h,i)perylene	28.803	276	2555477	27.830	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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